

WHAT IS CLAIMED IS:

1. A high shrinkage side-by-side type composite filament, wherein two kinds of thermoplastic polymers are arranged side by side type and a boiling water shrinkage (Sr_2) measured by the method (initial load = notified denier \times 1/10g, static load = notified denier \times 20/10g) of clause 5.10 of JIS L 1090 is 20 to 75% of a boiling water shrinkage (Sr_1) measured by the method (initial load = notified denier \times 1/30g, static load = notified denier \times 40/30g) of clause 7.15 of JIS L 1013.

2. A method for manufacturing a high shrinkage side-by-side type composite filament consisting two kinds of thermoplastic polymers which are arranged side-by-side type, wherein the two kinds of thermoplastic polymers having a number average molecular weight difference (ΔMn) of 5,000 to 15,000 are used upon spinning and the composite filament is drawn and heat-treated so as to satisfy the following physical properties:

- Temperature area exhibiting 95% of maximum thermal stress (T_{max}, 95%) : 120 to 230°C
- Range of maximum thermal stress per denier : 0.1 to 0.4g/denier

3. The method of claim 2, wherein the composite filament is drawn and heat-treated so that the temperature distribution range (Tmax) of the maximum the thermal stress of the composite filament is 140 to 200°C.

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4. The method of claim 2, wherein the thermoplastic polymers are polyethylene terephthalate.

5.. A woven or knitted fabric containing the side-by-side
10 type composite filament of claim 1.